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Register Number:

7205

Name of the Candidate:

DIPLOMA EXAMINATION, 2010

(INDUSTRIAL SAFETY)

(PAPER-IV)

540. SAFETY MANAGEMENT AND THE LAW

Dec]

[Time : 3 Hours

Maximum : 100 Marks

Answer any FIVE questions (5×20=100)
All questions carry equal marks

1. Explain process safety management concepts and how safety of process plants is integrated to its design, construction, maintenance and operation.
2. Write in detail about the salient features of Indian Electricity Rules.
3. Define boiler. State the requirement for boiler operation in an industry.
4. What are the precautions to be taken as per petroleum Act with reference to transportation of petroleum products, construction of tankers, dyke wall construction?
5. Explain the legal requirements under Factories Act, 1948 applicable to lifting appliances in industries and how they are implemented and practiced, Mention the different lifting appliances and narrate the safety procedure to be practiced.
6. Explain the pollution control act and how it has been adopted in factories?
7. Discuss in detail the budget allocation for safety in an organization.
8. Discuss in detail the child labour act and women employee act.
9. Explain in detail the role of trade unions in accident prevention in industries.
10. Explain the ILO convention and recommendations for safety, health and welfare in factories.
